

INTELLOPAX 88

INFORMATION REPORT

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SUPPLEMENT TO REPORT NO. [REDACTED]

COUNTRY USSR/Finland
SUBJECT Life Test of Soviet Annular Ball Bearing

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low, internal, self-aligning, ball bearing of Soviet manufacture, believed to have been produced at an unknown date in the Moscow, USSR, bearing factory Number 2. This bearing was purchased during 1950 in Finland and is believed to have been used in an automobile of Soviet manufacture.

1. Because the Soviet bearing is dimensionally similar to the USA manufactured SKF No. 2206, it has been fatigue tested to destruction in comparison with two SKF No. 2206 bearings as controls. The results of the life test to failure are as follows:

	<u>Soviet Bearing</u>	<u>Control No. 1</u>	<u>Control No. 2</u>
Hours to failure under test conditions	406	116½	116½

2. Conclusive results cannot be obtained from the testing of a single bearing. Nevertheless, the performance of this Soviet bearing in outlasting comparable U.S.A. bearings by 3½ per cent has been found so interesting that the bearing is being subjected to metallurgical examination. The results of the additional examination will be reported when available.

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